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SEARCH REQUEST FORM**Scientific and Technical Information Center**

Requester's Full Name: Pinchus Paufer Examiner #: _____ Date: 5/2
 Art Unit: 2100 Phone Number 30 6-4160 Serial Number: 09/771 010
 Mail Box and Bldg/Room Location: _____ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

5,864,714

STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>N Cogdell</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: <u>6-4160</u>	AA Sequence (#) _____	Dialog <u>X</u>
Searcher Location: <u>EIC 2100</u>	Structure (#) _____	Questel/Orbit <u>X</u>
Date Searcher Picked Up: <u>5/2</u>	Bibliographic <u>X</u>	Dr.Link _____
Date Completed: <u>5/2</u>	Litigation _____	Lexis/Nexis <u>X</u>
Searcher Prep & Review Time: <u>2</u>	Fulltext _____	Sequence Systems _____
Clerical Prep Time: <u>—</u>	Patent Family _____	WWW/Internet _____
Online Time: <u>5</u>	Other _____	Other (specify) _____

PTO-1590 (1-2000)

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2/9/1

DIALOG(R) File 345:Inpadoc/Fam.& Legal Stat
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13903163

Basic Patent (No,Kind,Date): WO 9739409 A1 19971023 <No. of Patents: 008>

PATENT FAMILY:

AUSTRALIA (AU)

Patent (No,Kind,Date): AU 9723057 A1 19971107
COMMUNICATIONS SYSTEM UTILIZING NON-FIXED BUFFER SIZE (English)
Patent Assignee: COMSYS COMMUNICATION & SIGNAL
Author (Inventor): TAL NIR; COHEN RON; COLLIN ZEEV
Priority (No,Kind,Date): WO 97IL123 W 19970413; US 632931 A
19960416
Applic (No,Kind,Date): AU 9723057 A 19970413
IPC: * G06F-013/00
Derwent WPI Acc No: * G 97-526672
Language of Document: English

GERMANY (DE)

Patent (No,Kind,Date): DE 19781701 T 19990325
DATENUEBERTRAGUNGSSYSTEM MIT NICHT FESTGELEGTER PUFFERGROESSE (German)
Patent Assignee: COMSYS COMMUNICATION & SIGNAL (IL)
Author (Inventor): TAL NIR (IL); COHEN RON (IL); COLLIN ZEEV (IL)
Priority (No,Kind,Date): WO 97IL123 W 19970413; US 632931 A
19960416
Applic (No,Kind,Date): DE 19781701 A 19970413
IPC: * G06F-013/10; G06F-009/46; H04L-012/54
Derwent WPI Acc No: * G 97-526672
Language of Document: German

GERMANY (DE)

Legal Status (No,Type,Date,Code,Text):
DE 19781701 P 19990325 DE RET PCT-APPLICATION TRANSLATED
(PART 6B PATENT GAZETTE) (PCT-UEBERSETZUNG
(ABSCHNITT 6B))
WO 9739409 P 19990325
DE 19781701 P 20000921 DE 8127 NEW PERSON/NAME/ADDRESS OF
THE APPLICANT (AENDERUNG IN PERSON, NAMEN
ODER WOHNORT DES ANMELDERS)
CONEXANT SYSTEMS, INC., NEWPORT BEACH,
CALIF., US

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 954793 A1 19991110
COMMUNICATIONS SYSTEM UTILIZING NON-FIXED BUFFER SIZE (English; French;
German)
Patent Assignee: COMSYS COMMUNICATION & SIGNAL (IL)
Author (Inventor): TAL NIR (IL); COHEN RON (IL); COLLIN ZEEV (IL)
Priority (No,Kind,Date): WO 97IL123 W 19970413; US 632931 A
19960416
Applic (No,Kind,Date): EP 97915665 A 19970413
Designated States: (National) DE; FR; GB
IPC: * G06F-013/00
Derwent WPI Acc No: * G 97-526672
Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):
EP 954793 P 19960416 EP AA PRIORITY (PATENT
APPLICATION) (PRIORITAET (PATENTANMELDUNG))
US 632931 A 19960416
EP 954793 P 19970413 EP AA PCT-APPLICATION
(PCT-ANMELDUNG)
WO 97IL123 W 19970413
EP 954793 P 19970413 EP AE EP-APPLICATION

(EUROPAEISCHE ANMELDUNG)
 EP 97915665 A 19970413
 EP 954793 P 19991110 EP AK DESIGNATED CONTRACTING
 STATES IN AN APPLICATION WITH SEARCH REPORT:
 (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)

DE FR GB
 EP 954793 P 19991110 EP A1 PUBLICATION OF APPLICATION
 WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
 ANMELDUNG MIT RECHERCHENBERICHT)

EP 954793 P 19991110 EP 17P REQUEST FOR EXAMINATION
 FILED (PRUEFUNGSANTRAG GESTELLT)
 19981102

EP 954793 P 20000126 EP RAP1 APPLICANT REASSIGNMENT
 (CORRECTION) (ANMELDER UEBERTRAGUNG (KORR.))

CONEXANT SYSTEMS, INC.

GREAT BRITAIN (GB)

Patent (No,Kind,Date): GB 9821561 A0 19981125
 COMMUNICATIONS SYSTEM UTILIZING NON-FIXED BUFFER SIZE (English)
 Patent Assignee: COMSYS COMMUNICATION AND SIGNAL
 Priority (No,Kind,Date): WO 97IL123 W 19970413; US 632931 A
 19960416
 Applic (No,Kind,Date): GB 9821561 A 19981002
 Derwent WPI Acc No: * G 97-526672
 Language of Document: English

JAPAN (JP)

Patent (No,Kind,Date): JP 2000508852 T2 20000711
 Priority (No,Kind,Date): WO 97IL123 W 19970413; US 632931 A
 19960416
 Applic (No,Kind,Date): JP 97536916 A 19970413
 IPC: * H04L-029/10; G06F-013/00; H04L-013/08; H04M-011/00
 Derwent WPI Acc No: * G 97-526672
 Language of Document: Japanese

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5864714 A 19990126
 COMMUNICATION SYSTEM WHICH DYNAMICALLY SWITCHES SIZES OF SAMPLE BUFFER
 BETWEEN FIRST SIZE FOR QUICK RESPONSE TIME AND SECOND SIZE FOR
 ROBUSTNESS TO INTERRUPT LATENCY (English)
 Patent Assignee: COMSYS COMMUNICATION & SIGNAL (IL)
 Author (Inventor): TAL NIR (IL); COHEN RON (IL); COLLIN ZEEV (IL)
 Priority (No,Kind,Date): US 632931 A 19960416
 Applic (No,Kind,Date): US 632931 A 19960416
 National Class: * 395876000; 395872000; 395838000; 342057000;
 364705050
 IPC: * G06F-013/00
 Derwent WPI Acc No: * G 97-526672
 Language of Document: English

Patent (No,Kind,Date): US 6108720 A 20000822
 ECHO CANCELING MODEM WHICH DYNAMICALLY SWITCHES SIZES OF SAMPLE BUFFER
 BETWEEN FIRST SIZE FOR QUICK RESPONSE TIME AND SECOND SIZE FOR
 ROBUSTNESS TO INTERRUPT LATENCY (English)
 Patent Assignee: CONEXANT SYSTEMS INC (US)
 Author (Inventor): TAL NIR (IL); COHEN RON (IL); COLLIN ZEEV (IL)
 Priority (No,Kind,Date): US 163054 A 19980929; US 632931 A3
 19960416
 Applic (No,Kind,Date): US 163054 A 19980929
 Addnl Info: 5864714 Patented
 National Class: * 710020000; 710015000; 710018000; 710052000;
 710056000; 370282000; 370286000; 379406000; 379410000; 375222000
 IPC: * G06F-013/00; H04B-001/44; H04B-001/38; H04M-001/00; H04L-005/16
 Derwent WPI Acc No: * G 97-526672
 Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 5864714	P	19960416	US AE	APPLICATION DATA (PATENT)
				(APPL. DATA (PATENT))
		US 632931	A	19960416
US 5864714	P	19960715	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST
				COMSYS COMMUNICATION & SIGNAL PROCESSING LTD.
				15 MASKIT STREET HERZLIA, ISRAEL 4 ; TAL, NIR
				: 19960521; COHEN, RON : 19960521; COLLIN, ZEEV : 19960521
US 5864714	P	19990112	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST
				CONEXANT SYSTEMS, INC. DEPARTMENT 876, MAIL
				CODE 510-900 4311 JAMBOREE ROAD NEWP ; COMSYS
				COMMUNICATION & SIGNAL PROCESSING LTD. :
				19981210
US 5864714	P	19990126	US A	PATENT
US 5864714	P	20010313	US RF	REISSUE APPLICATION FILED
				(REISSUE APPL. FILED)
				20010126
US 6108720	P	19960416	US AA	PRIORITY
		US 632931	A3	19960416
US 6108720	P	19980929	US AE	APPLICATION DATA (PATENT)
				(APPL. DATA (PATENT))
		US 163054	A	19980929
US 6108720	P	20000822	US A	PATENT

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Patent (No,Kind,Date): WO 9739409 A1 19971023

COMMUNICATIONS SYSTEM UTILIZING NON-FIXED BUFFER SIZE (English)

Patent Assignee: COMSYS COMMUNICATION & SIGNAL (IL)

Author (Inventor): TAL NIR; COHEN RON; COLLIN ZEEV

Priority (No,Kind,Date): US 632931 A 19960416

Applic (No,Kind,Date): WO 97IL123 A 19970413

Designated States: (National) AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN; CU; CZ; DE; DK; EE; ES; FI; GB; GE; HU; IL; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; TJ; TM; TR; TT; UA; UG; UZ; VN; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM (Regional) GH; KE; LS; MW; SD; SZ; UG; AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; BF; BJ; CF; CG

Filing Details: WO 130000 With international search report; Before expiration of time limit for amending the claims and to be republished in the event of the receipt of the amendments

IPC: * G06F-013/00

Derwent WPI Acc No: * G 97-526672; G 97-526672

Language of Document: English

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Legal Status (No,Type,Date,Code,Text):

WO 9739409	P	19960416	WO AA	PRIORITY (PATENT)
		US 632931	A	19960416

WO 9739409	P	19970413	WO AE	APPLICATION DATA (APPL. DATA)
		WO 97IL123	A	19970413

WO 9739409	P	19971023	WO AK	DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT
				(DESIGNATED STATES CITED IN A PUBLISHED APPL. WITH SEARCH REPORT)
				AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ
				DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR
				KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO
				NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA
				UG UZ VN AM AZ BY KG KZ MD RU TJ TM

WO 9739409	P	19971023	WO AL	DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT
				(DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPL. WITH SEARCH REPORT)

			GH KE LS MW SD SZ UG AT BE C DE DK ES FI FR
			GB GR IE IT LU MC NL PT SE BF BJ CF CG
WO 9739409	P	19971023	WO A1 PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE INTERNATIONAL SEARCH REPORT (PUB. OF THE INTERNATIONAL APPL. WITH THE INTERNATIONAL SEARCH REPORT)
WO 9739409	P	19980114	WO 121 EP: PCT APP. ART. 158 (1) (EP: PCT ANM. ART. 158 (1))
WO 9739409	P	19980129	WO DFPE REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH MONTH FROM PRIORITY DATE
WO 9739409	P	19990325	WO RET DE TRANSLATION (DE OG PART 6B)
			DE 19781701 P 19990325
WO 9739409	P	19991016	WO NENP NON-ENTRY INTO THE NATIONAL PHASE IN: CA

LEVEL 1 OF 1 PATENT

5,864,714

<=2> GET 1st DRAWING SHEET OF 5

Jan. 26, 1999

LEXIS-NEXIS
Library: PATENT
File: ALL

Communication system which dynamically switches sizes of
sample buffer between first size for quick response time and
second size for robustness to interrupt latency

REISSUE: Reissue Application filed Jan. 26, 2001 (O.G. Mar. 13, 2001) Ex. Gp.:
2782; Re. S.N. 09/771,010

CORE TERMS: buffer, sample, slice, modem, processing, interrupt, echo, latency,
canceler, transmitted...

5864714 OR 5,864,714

LOS-NEXIS
Library: PATENT
File: CASES

Your search request has found no CASES.

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To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

5864714 OR 5,864,714

LEXIS-NEXIS
Library: PATENT
File: JNLS

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For further explanation, press the H key (for HELP) and then the ENTER key.

5864714 OR 5,864,714

LEXIS-NEXIS
Library: NEWS
File: CURNWS

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To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

1/3 LGST (1/1) - (C) LEGSTAT
PN - US 5864714 [US5864714]
AP - US 632931/96 19960416 [1996US-0632931]
DT - US-P
ACT - 19960416 US/AE-A
APPLICATION DATA (PATENT)
{US 632931/96 19960416 [1996US-0632931]}
- 19960715 US/AS02
ASSIGNMENT OF ASSIGNOR'S INTEREST
COMSYS COMMUNICATION & SIGNAL PROCESSING LTD. 15 MASKIT STREET
HERZLIA, ISRAEL 4 * TAL, NIR : 19960521; COHEN, RON : 19960521;
COLLIN, ZEEV : 19960521
- 19990112 US/AS02
ASSIGNMENT OF ASSIGNOR'S INTEREST
CONEXANT SYSTEMS, INC. DEPARTMENT 876, MAIL CODE 510-900 4311 JAMBOREE
ROAD NEWP * COMSYS COMMUNICATION & SIGNAL PROCESSING LTD. : 19981210
- 19990126 US/A
PATENT
- 20010313 US/RF
REISSUE APPLICATION FILED
20010126
UP - 2001-12

2/3 CRXX (1/1) - (C) CLAIMS/RRX
AN - 3103503
PN - 5,864,714 A 19990126 [US5864714]
PA - Comsys Communication and Signal Processing Ltd IL
PT - E (Electrical)
ACT - 20010126 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20010313
REISSUE REQUEST NUMBER: 09/771010
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2782

Reissue Patent Number:

UP - 2001-11
UACT- 2001-03-13

3/3 PAST (1/1) - (C) PAST
AN - 200111-001330
PN - 5864714 A [US5864714]
DT - A (UTILITY)
OG - 2001-03-13
CO - REA
ACT - REISSUE APPLICATION FILED
SH - REISSUE APPLICATION FILED